

20020211.qrp v02_n463.qrl.20020211

Date: Mon, 11 Feb 2002 19:03:09 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2463

QRP-L Digest 2463

Topics covered in this issue include:

- 1) [119597] Re: Learning CW, Koch, Farnsworth, Etc.
by George Gingell <k3tks@u1.abs.net>
- 2) [119598] Rainbow Tuner question
by lhlousek <lhlousek@nvtbell.net>
- 3) [119599] Icom help? (sorry!)
by "ukii" <ukii@core.com>
- 4) [119600] Fireside SSB Sprint
by "Pat Byers" <pbyers@rttinc.com>
- 5) [119601] Using Koch
by G Brandon Hoyt <preacher102677@juno.com>
- 6) [119602] Nice to join the ARCI Contest
by "Kevin F. Glynn" <kfglynn@mindspring.com>
- 7) [119603] Re: Using Koch
by "Karl F. Larsen" <k5di@zianet.com>
- 8) [119604] remove from list
by MACVNOLIN@aol.com
- 9) [119605] Re: PSK-31 qrp
by "Karl F. Larsen" <k5di@zianet.com>
- 10) [119606] Re: Rainbow Tuner question
by "Brice D. Hornback" <bdh@cyberbound.net>
- 11) [119607] Re: Icom help? (sorry!)
by "George, W5YR" <w5yr@att.net>
- 12) [119608] Fw: You know your email is vulnerable to SPAM Robots?
by "Trevor Jacobs" <fxtech@earthlink.net>
- 13) [119609] HRO-60 Gift Received
by George Gingell <k3tks@u1.abs.net>
- 14) [119610] QRP to QRP
by "Thor, n9ik" <n9ik@qsl.net>
- 15) [119611] Tuna Tin 2 Parts
by ARDUJENSKI@aol.com
- 16) [119612] Keyer
by Donn Kuse <casey.jay@gte.net>
- 17) [119613] Re: Fw: You know your email is vulnerable to SPAM Robots?
by Alex <kr1st@amsat.org>
- 18) [119614] Formula for Helical Antennas
by "Kevin F. Glynn" <kfglynn@mindspring.com>
- 19) [119615] Re: [Elecraft] Keyer

- by "George, W5YR" <w5yr@att.net>
- 20) [119616] interesting ap note
by "Harold Smith" <harold.smith1@worldnet.att.net>
- 21) [119617] Field Strength and things that don't make sense....
by G Brandon Hoyt <preacher102677@juno.com>
- 22) [119618] RE: Tuna Tin 2 Parts
by Nick Kennedy <nkennedy@tcainternet.com>
- 23) [119619] Re: HRO-60 Gift Received
by "ZOOM" <kandrparker@sympatico.ca>
- 24) [119620] RE: Counter input circuit
by Nick Kennedy <nkennedy@tcainternet.com>
- 25) [119621] Re: Rainbow Tuner question
by Lew Paceley <lew@paceley.com>
- 26) [119622] Re: Rainbow Tuner question
by Chuck Carpenter <w5usj@9plus.net>
- 27) [119623] [Contesting] Hopeless Case
by Kenneth Hoglund <hoglund@wfu.edu>
- 28) [119624] Homebrew PTO - Part II
by "Bill Jones" <kd7s@psnw.com>
- 29) [119625] Re: Keyer
by Lew Paceley <lew@paceley.com>
- 30) [119626] Inquiry about Norcal-40 / / \$\$?/?//
by Carol L Maher <w4clm.ham@juno.com>
- 31) [119627] Re: [Elecraft] Keyer
by Tim and Nancy Logan <cyr999@extremezone.com>
- 32) [119628] FOX -- AG0T, Your 2/12 Cub Fox
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 33) [119629] Re: [OT] wireless paddles?
by "Ingo, DK3RED" <dk3red@t-online.de>
- 34) [119630] Wireless paddles - NOT OT!
by Ed Manuel <edmanuel@directvinternet.com>
- 35) [119631] Re: Wireless paddles - NOT OT!
by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
- 36) [119632] Re: Wireless paddles - NOT OT!
by "Dave Fifield" <dave@redhotradio.com>
- 37) [119633] PSK31 I/O
by John R Kirby <n3aaz-qrp@juno.com>
- 38) [119634] Re: Wireless paddles - NOT OT!
by "Karl F. Larsen" <k5di@zianet.com>
- 39) [119635] FS: LDG Z-11 autotuner and BA-1 Balun
by Dave Leduc <k1epj@aol.com>
- 40) [119636] Fireside Sprint
by Tim ORourke <TORourke@KaiserFT.com>
- 41) [119637] Re: Wireless paddles - NOT OT!
by "Karl F. Larsen" <k5di@zianet.com>
- 42) [119638] Re: Field Strength and things that don't make sense....
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 43) [119639] Re: Fw: You know your email is vulnerable to SPAM Robots?

- by W2AGN <w2agn@pobox.com>
- 44) [119640] RE: [Elecraft] Keyer
by "Thor, n9ik" <n9ik@qsl.net>
- 45) [119641] RE: Wireless paddles - NOT OT!
by "Bob Berlyn" <bberlyn@baycomp.com>
- 46) [119642] FS. Qrp+
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 47) [119643] Re: Fw: You know your email is vulnerable to SPAM Robots?
by wb0wao@hotmail.com (Dennis Ponsness)
- 48) [119644] CW keys FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 49) [119645] Re: trip to Washington DC, any ham stores
by Jake Brodsky <frussle@erols.com>
- 50) [119646] Re: Homebrew PTO using a Glue Stick!!
by Bruce Muscolino <w6toy@erols.com>
- 51) [119647] Re: copper foil antenna a failure
by Bruce Muscolino <w6toy@erols.com>
- 52) [119648] Re: Using Koch
by Bruce Muscolino <w6toy@erols.com>
- 53) [119649] Re: Fireside Sprint
by Garie Halstead <k8kfj@ntelos.net>
- 54) [119650] Re: Field Strength and things that don't make sense....
by Bruce Muscolino <w6toy@erols.com>
- 55) [119651] RE: Wireless paddles - NOT OT!
by "Karl F. Larsen" <k5di@zianet.com>
- 56) [119652] Re: Formula for Helical Antennas
by Bruce Muscolino <w6toy@erols.com>
- 57) [119653] RE: Wireless paddles - NOT OT!
by "Bob Berlyn" <bberlyn@baycomp.com>
- 58) [119654] Re: Field Strength and things that don't make sense....
by "George, W5YR" <w5yr@att.net>
- 59) [119655] RE: Wireless paddles - NOT OT!
by "Karl F. Larsen" <k5di@zianet.com>
- 60) [119656] Re: Wireless paddles - NOT OT!
by Steven Weber <kd1jv@moose.ncia.net>
- 61) [119657] Re: Field Strength and things that don't make sense....
by "Walter AG5P" <walter@cowboy.com>
- 62) [119658] FYBO Scoring - Temperature Multi
by QRP Joe <AB7TT@UltralightBackpacker.com>
- 63) [119659] FS: OHR-100A 30-meter QRP Rig
by "Phinizy, William" <wphinizy@filenet.com>
- 64) [119660] TINY-TORNADO REV2d Transceiver Kits - NOW ACCEPTING ORDERS!
by "Brice D. Hornback" <bdh@cyberbound.net>
- 65) [119661] UAF51
by Jim Stiles <jjstiles@optonline.net>
- 66) [119662] Keyer Kit Sources
by Chuck Carpenter <w5usj@9plus.net>
- 67) [119663] Bluetooth, 802.11b, and other 2.4GHz stuff...

- by Mighty Mik <mightymik2@attbi.com>
- 68) [119664] Re: UAF51
by <ac7a@gci-net.com>
- 69) [119665] TiCK Chip for Wireless paddles
by KKANALZ@prodigy.net
- 70) [119666] QST QST - LAST CALL FOR CQC BANQUET RESERVATIONS
by "DICK SCHNEIDER" <rjsedit@hotmail.com>
- 71) [119667] Field Strength Meter Types
by KKANALZ@prodigy.net
- 72) [119668] Re: Bluetooth, 802.11b, and other 2.4GHz stuff...
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 73) [119669] Re: Keyer
by Donn Kuse <casey.jay@gte.net>
- 74) [119670] RE: TiCK Chip for Wireless paddles
by "Fletcher, Michael" <michael.fletcher@attws.com>
- 75) [119671] FT-817
by "Rich Wilkerson" <richqrp@cox.net>
- 76) [119672] WANTED - TO BUY!!
by Earl Murphy <earlmurf@telusplanet.net>
- 77) [119673] Re: TINY-TORNADO REV2d Transceiver Kits - NOW ACCEPTING ORDERS!
by tailfeathers@juno.com
- 78) [119674] WTB 6.5/10.5/14.5/17.5 Mhz xtal
by <n2go@arrl.net>
- 79) [119675] Re: TiCK Chip for Wireless paddles
by "John J. McDonough" <wb8rcr@arrl.net>
- 80) [119676] Re: Bluetooth, 802.11b, and other 2.4GHz stuff...
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 81) [119677] Re: Helical Antennas & Slinkys
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 82) [119678] Re: (OT) Re: N4DD Preliminary Log Delinquency
by Bill Coleman <aa4lr@arrl.net>
- 83) [119679] QRP Clubs without a web site
by "Fletcher, Michael" <michael.fletcher@attws.com>
- 84) [119680] RE: Wireless paddles - NOT OT!
by Steven Weber <kd1jv@moose.ncia.net>
- 85) [119681] Keyer question
by "Bob Tellefsen" <n6wg@earthlink.net>
- 86) [119682] Re: Wireless paddles - NOT OT!
by Ray Sills <raysills@1stconnect.com>
- 87) [119683] RE: Keyer question
by "Len Revelle" <lenrev@ameritech.net>
- 88) [119684] Re: Bluetooth, 802.11b, and other 2.4GHz stuff...
by Mighty Mik <mightymik2@attbi.com>
- 89) [119685] Re: FT-817
by "Dave" <wr3i@earthlink.net>
- 90) [119686] Steve Weber's RF Power kit question
by "Lee Mairs" <lmairs@cox.rr.com>
- 91) [119687] Re: Keyer question

by "George, W5YR" <w5yr@att.net>
92) [119688] Re: N4DD Preliminary Log Delinquency
by "tom palmer" <n1tp@worldnet.att.net>

Date: Sun, 10 Feb 2002 19:00:26 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: Monte Stark <ku7y@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [119597] Re: Learning CW, Koch, Farnsworth, Etc.
Message-ID: <20020210185716.X62967-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Actually I pretty much did that and more, I guess I just have a 30 wpm
brain:^}

I also think a major contribution to my near deafness can be attributed to
too many hours of CW with Headphones.

Don't tell the XYL, or she would make me stop. Reminds me of a joke, can
I just do it til I need Glasses :^}

Sir George, The First :^}

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

On Sat, 9 Feb 2002, Monte Stark wrote:

> Hi George and All,
>
> > I am convinced that all of those "High Speed OPs" (30 WPM and Up) were
> > the fortunate ones who were either blessed with natural talents toward > CW or

else they were Taught by Koch and his Followers.

>

>

> While I don't consider myself a true "High Speed Op" I
> have made it to around 50 wpm when I was doing a lot of
> contesting.

>

> Here is how I learned way back in 51. (Got my ticket in
> Jan of 52).

>

> Two friends at high school, W6KHK and W6DPL wrote out the
> code like this:

>

> A .-

> B -...

>

> and so on.

>

> I took this and listened to 80m CW in the then new novice
> band. There was no BFO so all I heard was a "hissing"
> sound. I was up to about 10 wpm before I found out how to
> get a tone!

>

> I do NOT recommend that as a way for anyone to learn.
> BUT.... if you did learn this way you can still improve
> your CW.

>

> DXing helps but the real thing that got my speed up there
> was contesting.

>

> Just look over the contests and try to spend every hour
> you can in as many contests as you can. I am talking about
> the major contests where the code speeds are well above
> your ability.

>

> Try to work as many hours as the rules allow. In many of
> the 48 hour contests you can work all 48 hours! WPX lets
> a single op work 36 of the 48 hours. But whatever you can
> do, DO.

>

> I used to take a yearly planner and mark all the contests
> that I planned to make a true entry in. Carol would go
> over this with me and we would work out any problems well
> before contest time. Some were NOT negotiable while
> others were.

>

> The "MAGIC" formula for improving your CW is really very
> simple.... more time spent on the air doing CW faster than

> you can copy 100% means the sooner you will achieve your
> goal.
>
> Geeeeessssh..... I'm starting to sound like a broken
> record! :-)
>
> If you are just learning, learn it FAST, not slow. 5 wpm
> CW has caused more people to drop CW than any other single
> thing IMHO.
>
> OK, back in my hole....
>
> --
> 73,
>
> Ron, KU7Y
> ku7y@qsl.net
> Full Time RVing somewhere in the West
> Currently in Brenda, AZ
> QRP-L #17
>

Date: Sun, 10 Feb 2002 16:07:21 -0800
From: lhlousek <lhlousek@nvhbell.net>
To: QRP-L list <qrp-l@Lehigh.EDU>
Subject: [119598] Rainbow Tuner question
Message-ID: <002701c1b290\$13c1fe80\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Can somebody tell me how many turns are used in the rainbow tuner
on the tuner toroid and at where the taps are? I want to jury rig up a
little tuner for 20 meters (without the SWR indicator as in the rainbow tuner)
and want to use the info from the rainbow tuner as a starting point. Thanks.

Lou W7DZN

Date: Sun, 10 Feb 2002 18:32:50 -0600
From: "ukii" <ukii@core.com>

To: <TOWERTALK@contesting.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [119599] Icom help? (sorry!)
Message-ID: <003201c1b293\$a4e6a480\$5bd0d6d8@hans>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy all.

Ok,first,I am sorry to post this here,but
figured I could pick a few brains.
I have an Icom735 and the ct-17 interface.
I am having problems sending frequencies to the radio.
It does read the mode/freq fine.
This happened since I switched to a new computer and
windowsMe.I wanna see if the radio is bad,or the interface.
Please,anyone know an Icom guy who might be able to
assist me?
Thanks Much!
john
n9ukx
(again,my apologies)

Date: Sun, 10 Feb 2002 17:34:46 -0700
From: "Pat Byers" <pbyers@rttinc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [119600] Fireside SSB Sprint
Message-ID: <GNECLIKFAJLGJPJHIEGOAELDCJAA.pbyers@rttinc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, that was fun. It's not often I go on SSB and when I do, I confess that
I normally run about 50W.

Anyway, I was supposed to be building shelves when, with about an hour to go
in the contest, I turned on the old Drake TR-5. I succumbed to the siren
calls of "CQ QRP Contest" and made 6 Qs on 15m at 8 to 10W, all S&P. What a
blast!

FWIW, here they are:

AB8FJ 52 OH 8544

W9WIS	55	WI	9875
W9HL	55	IL	10284
NG8S	54	OH	8578
N9NE	55	WI	10964
K5ZTY	55	TX	8817

Equipment here is simple: Drake TR-5, OHR WM-2 (with Larry East Average power mod), and either a 40m dipole or Cushcraft R4 vertical (whichever worked best).

I suspect those who were able to go up on 10m cleaned up. Unfortunately, I don't yet have a crystal that will allow the TR-5 to use the lower 500 kHz of 10m. I listened a bit on 20m and 40m but the QRM there was atrocious.

Thanks and good luck to all who participated.

73,

Pat Byers VE6AAN
QRP ARCI #3447

Date: Sun, 10 Feb 2002 18:36:45 -0500
From: G Brandon Hoyt <preacher102677@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [119601] Using Koch
Message-ID: <20020210.183647.-3692195.1.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ok, I got the software now. I'm even doin' pretty good.
Now my question is How long should I copy before checking my work and deciding to add a letter? 5 minutes? Two minutes? I get nervous when I copy for more than about 30 seconds, but that's starting to fade a little bit. I am actually beginning to feel the code before I write it, and I think that's a good thing. So far the only bad thing I can determine about this software is that it appears to be random code, and real life cw is not random code. I don't know if there is a setting for nonrandom, or pseudo non random code, but I'm having fun anyway.

BTW!!!

I very well may have made my first contact wiht someone using my venerable MS-15, If I did it was my first contact with said rig, and I'll be a "real ham" on 15m!!

hehe. HTMF!!!

LIC,

G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."

Photographer, Philosopher, Preacher, Pirate, Poet.

"God didn't promise me the sun wouldn't smite me by day" James D. Vernon

DE KG4GVL Clear.

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Date: Sun, 10 Feb 2002 19:31:59 -0500

From: "Kevin F. Glynn" <kfglynn@mindspring.com>

To: <qrp-l@lehigh.edu>

Cc: <njqrp@njqrp.org>

Subject: [119602] Nice to join the ARCI Contest

Message-ID: <001b01c1b293\$9cc55800\$13e5fea9@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi gang,

It's been a while since I joined in one of the ARCI contests.

I participated in the Fireside SSB Sprint this afternoon. Only had 19 QSOs but had much more fun then that. Conditions on 20 Meters were a bit rough with QRN and QRM, maybe it's time to make a new 40/15 Meter antenna so I can get back on both bands! Not too many signals on 10 Meters. Didn't work the entire 4 hour period but certainly had a blast.

Thanks to Ken N2CQ for posting the contest info recently.

72 Kevin N2T0

Brooklyn, NYC

kfglynn@mindspring.com

Date: Sun, 10 Feb 2002 18:18:07 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: G Brandon Hoyt <preacher102677@juno.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [119603] Re: Using Koch
Message-ID: <Pine.LNX.4.33.0202101814500.1538-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Brandon, what I did was add a character and then check my copy until it goes back up to 90% accurate copy. Then add another character. When going from 15 wpm to 20 wpm I was able to start at 15 characters with 90% copy and am taking them 3 characters at a time now.

Depends what works for you...:-)

On Sun, 10 Feb 2002, G Brandon Hoyt wrote:

> Ok, I got the software now. I'm even doin' pretty good.
> Now my question is How long should I copy before checking my work and
> deciding to add a letter? 5 minutes? Two minutes? I get nervous when I
> copy for more than about 30 seconds, but that's starting to fade a little
> bit. I am actually beginning to feel the code before I write it, and I
> think that's a good thing. So far the only bad thing I can determine
> about this software is that it appears to be random code, and real life
> cw is not random code. I don't know if there is a setting for nonrandom,
> or pseudo non random code, but I'm having fun anyway.
> BTW!!!
> I very well may have made my first contact wiht someone using my
> venerable MS-15, If I did it was my first contact with said rig, and
> I'll be a "real ham" on 15m!!
> hehe. HTMF!!!
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> LIC,
> G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
> Photographer, Philosopher, Preacher, Pirate, Poet.
> "God didn't promise me the sun wouldn't smite me by day" James D. Vernon
> DE KG4GVL Clear.
>
>
> -----
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> <http://dl.www.juno.com/get/web/>.
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 10 Feb 2002 20:15:26 EST
From: MACVNOLIN@aol.com
To: qrp-l@lehigh.edu
Subject: [119604] remove from list
Message-ID: <159.8c50521.2998752e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

remove from list

Date: Sun, 10 Feb 2002 18:34:58 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bruce Rattray <rattray@gpfn.sk.ca>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [119605] Re: PSK-31 qrp
Message-ID: <Pine.LNX.4.33.0202101829250.1538-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bruce look at the little icons lower left and the one saying TX should be blinking and that means your transimitting. If you have stuff in the transmit Que it should go out, but as a rule nothing stays there.

On Sat, 9 Feb 2002, Bruce Rattray wrote:

>
> I've been having a fun time running PSK-31 qrp...well my Windows '95 OS
> died and I now have Windows ME...I had to download the PSK-31 software
> again and noticed it's now version 6...ok...well it works fine on receive
> but when I put some text in the transmit window and click on the TR/RX
> toggle, the waterfall stops (as it should) but it does not transmit, at
> least I don't see the text "transmitting" in the receive window like my
> old version of digipan used to show....I've printed out the HELP files
> but can't find a clue there so far...any ideas pse?....
>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
> VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -

> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 10 Feb 2002 20:43:16 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: <lhrousek@nvhbell.net>, <qrp-1@Lehigh.EDU>
Subject: [119606] Re: Rainbow Tuner question
Message-ID: <150f01c1b29d\$7b032da0\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Take a look at this... It sure looks like a lot of fun!

"Keeping in Perfect Tune: A Film-Can Transmatch"

By Bill Jones, KD7S

The ARS Sojourner

http://www.natworld.com/ars/pages/back_issues/2000_text/0100_text/film.html

By the way, this article describes in VERY good detail how to build the
Film-Can Transmatch for 20-meters. Enjoy!

73/72/71! de Brice KA8MAV

*** Tiny-Tornado Kits - Now Accepting Orders! ***

<http://www.QRPp-I.com>

----- Original Message -----

From: "lhrousek" <lhrousek@nvhbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, February 10, 2002 7:07 PM
Subject: Rainbow Tuner question

> Can somebody tell me how many turns are used in the rainbow tuner
> on the tuner toroid and at where the taps are? I want to jury rig up a

> little tuner for 20 meters (without the SWR indicator as in the rainbow
tuner)
> and want to use the info from the rainbow tuner as a starting point.
Thanks.
>
> Lou W7DZN
>
>
>

Date: Sun, 10 Feb 2002 19:48:25 -0600
From: "George, W5YR" <w5yr@att.net>
To: ukii@core.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [119607] Re: Icom help? (sorry!)
Message-ID: <3C6722E9.72D70770@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I believe that the 735 differs from the other Icoms in using a 4-byte
command instead of the usual 5 bytes.

However, if you have any communication with the radio at all from the
computer, that has already been taken into account in the setup.

I would start with a survey of the 735 CI-V commands and see just what all
you can do with the radio via the CT-17.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

ukii wrote:

>
> Howdy all.
> Ok,first,I am sorry to post this here,but
> figured I could pick a few brains.
> I have an Icom735 and the ct-17 interface.
> I am having problems sending frequencies to the radio.

> It does read the mode/freq fine.
> This happened since I switched to a new computer and
> windowsMe.I wanna see if the radio is bad,or the interface.
> Please,anyone know an Icom guy who might be able to
> assist me?
> Thanks Much!
> john
> n9ukx
> (again,my apologies)

Date: Sun, 10 Feb 2002 17:51:00 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [119608] Fw: You know your email is vulnerable to SPAM Robots?
Message-ID: <006e01c1b29e\$8ecc11c0\$a6eab3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just thought I'd forward this. I got it this weekend, and apparently
QRP-L is the source of the SPAM your getting Karl, or any web page that
contains your e-mail address in plain text.

72/73's

Trev

KG6CYN

----- Original Message -----

From: Jeff Graysmith

To: fxtech@earthlink.net

Sent: Saturday, February 09, 2002 10:08 AM

Subject: You know your email is vulnerable to SPAM Robots?

Hello,

Please pardon the intrusion, but I saw that the email address
fxtech@earthlink.net is in plain text on your site at
<http://sunsite.unc.edu/modena/QRP-Llehigh/qrp-l.lehigh.weekly.html>
making it vulnerable to be harvested by SPAM robots. Check this out
there's a way to hide your email from robots, but still have it visible
to human users.
<http://www.email-cloak.net>

Sincerely,

Jeff Graysmith

Date: Sun, 10 Feb 2002 20:53:19 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: QRPp-I Club <QRPp-I@yahooogroups.com>
Subject: [119609] HRO-60 Gift Received
Message-ID: <20020210203212.J65009-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

How's this for an unexpected gift. A local friend and Qrper called Friday and asked if I would like to have an HRO-60 ? FREE at that!

I had an HRO-5 back when I was in High School. Also a Gift. My Aunt gave it away while I was in the Air Force. :^}

This one is more like re-living a Dream. I have not had a chance to do anything with it yet. It appears to have many Documented Modifications. By a 6 Land E.E.

The really Neat part is that it had 6.3 & 240 VDC available for accessories.

I actually thought of Stealing one of the 6v6 Audio Amps for a QRPp TX :^}

Would you believe it has a pair of 6v6's for Audio Amplifiers. 8-10 Watts of Audio at 8 Ohms or 500 Ohms.

It also has an input for using the Audio Amplifier with A record Changer.

I guess that was for when the bands were Dead. :^}

One other thing that i learned from the Reprinted Manual was that it had optional Coils Sets to go all the way down 50 Kcs, and up to 54,000 Kcs.

That's 6 Meters for you whipper snappers. :^}

I have not looked yet, But I suspect that the 5V4G has been replaced with Silicon Diodes.

I also read about a 22 VDC supply and Optional Solid State Product Detector.

I knew I held onto that Hickok Tube Tester for a Reason. :^}

One thing for sure, there is plenty of room inside for a QRP Transmitter and Keyer.

Hey, It's already a Hybrid rig now :^}

Gee, My Birthday isn't even until next month...

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sun, 10 Feb 2002 19:57:05 -0600
From: "Thor, n9ik" <n9ik@qsl.net>
To: <qrp-l@lehigh.edu>
Subject: [119610] QRP to QRP
Message-ID: <NEBBLNLOELOIHIEKHCPAMEHOCMAA.n9ik@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just had a qso with Joe, W8TY/5, who's working qrp - 5 watts to an end-fed wire - from his 5th Floor Hotel Room in Norman, OK. He's on approximately 14.014. See if you can raise him.

- Thor, N9IK

Date: Sun, 10 Feb 2002 20:57:24 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu, nwq-1@scn.org
Subject: [119611] Tuna Tin 2 Parts
Message-ID: <a3.237a8f7e.29987f04@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Does someone have a Tuna Tin 2 unassembled they would want to sell or know where I can get one on short notice?? I want to put one together for a display at Puyallup, WA Swap Meet March 9th at our QRP display.

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

Date: Sun, 10 Feb 2002 21:35:14 -0500
From: Donn Kuse <casey.jay@gte.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
elecrafft@mailman.qth.net
Subject: [119612] Keyer
Message-ID: <3C672DE1.CA05EB6C@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Was wondering if anyone has a keyer with speed control knobs that they would like to part with? I'm looking for one. Anyone with a Curtis keyer? Also looking for a inexpensive set of double paddles. Thanks.
72,73 Donn, WB4ZWT
66 and Still learning
Haines City, FL

Date: Sun, 10 Feb 2002 21:34:46 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [119613] Re: Fw: You know your email is vulnerable to SPAM Robots?
Message-ID: <3C672DC6.E9FCE09A@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Perhaps I'm missing something, but before you spend your money check out their demo with NS 4.73. When I look at their demo with NS 4.73 it shows the email addy I'm not supposed to see just fine in plain text in the view source window. It's hidden for IE5, but not for NS 4.73 apparently. My guess is that they wrote a script that uses functions that are only available in higher (newer) versions of browsers, but I may be wrong. Perhaps they figure everyone who may be interested is using new browsers now so their trick would work.

The funny thing is that if you examine the original message they apparently use spamming techniques to sell their product. A second reason not to buy the product... Also, this business is mentioned on news.admin.net-abuse.email quite a few times, and not exactly in a positive sense.

73s,
--Alex

Trevor Jacobs wrote:

>
> Just thought I'd forward this. I got it this weekend, and apparently
> QRP-L is the source of the SPAM your getting Karl, or any web page that
> contains your e-mail address in plain text.
>
> 72/73's
> Trev
> KG6CYN
> ----- Original Message -----
> From: Jeff Graysmith
> To: fxtech@earthlink.net
> Sent: Saturday, February 09, 2002 10:08 AM
> Subject: You know your email is vulnerable to SPAM Robots?
>
> Hello,
>
> Please pardon the intrusion, but I saw that the email address
> fxtech@earthlink.net is in plain text on your site at
> <http://sunsite.unc.edu/modena/QRP-Llehigh/qrp-l.lehigh.weekly.html>
> making it vulnerable to be harvested by SPAM robots. Check this out
> there's a way to hide your email from robots, but still have it visible
> to human users.
> <http://www.email-cloak.net>
>
> Sincerely,
> Jeff Graysmith

Date: Sun, 10 Feb 2002 21:27:58 -0500
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-1@lehigh.edu>
Cc: <njqrp@njqrp.org>
Subject: [119614] Formula for Helical Antennas
Message-ID: <003901c1b2a3\$b8c339e0\$13e5fea9@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

I made a quarter-wavelength vertical ground mounted helical about five to six years ago for 30 Meters on 3/4" PVC pipe. I cut a ten foot length in half and used PVC couplers and more PVC to made a stand, ala Jeff Gold's articles in QST. I made a small jumper to connect the five foot sections and 2" stainless steel bolts and washers for each coonnection point. Fourteen gauge stranded insulated can be purchased cheaply at Home Depot.

Doug DeMaw, W1FB (SK) used some helicals on the top band and suggested twice the length of wire for a standard quarter-wavelength vertical so I planned on using a half-wavelength of wire in total.

For my testing I tried to best match the amount of wire Jeff recommended in his article and spread out the wire as evenly as possible. With only four radials I had a nice QS0 with a ham in FLA from Brooklyn, NYC at a few watts out. Not sure of the signal reports but we did chat for a while I remember that. I worked more QS0s with that antenna but eventually used the wire and PVC for other antennas.

I did some more research on the subject and came up with the following that may be of use. This will at least allow you to put little dots that represent each turn of wire on your form and place a turn there so you don't drive yourself crazy later. I can't graphically write the formula but here it goes:

To determine the total number of turns necessary for the helical:

T = Total number of turns

S = Lengh of wire in inches

L = Length of form in inches (pipe, wooden pole, etc.)

C = Length of 1 turn on form in inches

T = Square root of this equation: $(S(\text{squared}) - L(\text{squared})) / C(\text{squared})$

Measure one turn evenly around the form and measure that for C then use the formula to determine how many total turns. Divide T by the length of form L to see how many turns you need and mark little dots with a permanent marker. You now have a guide for each turn as you wind the helical.

One of the things I want to do is try this experiment with raised radials. Maybe an L circuit at the feedpoint can help in tuning and minimize the fuss with tuning later.

Any idea on this stuff? What do you think?

72 Kevin N2TO
Brooklyn, NYC
kfglynn@mindspring.com

Date: Sun, 10 Feb 2002 20:53:56 -0600
From: "George, W5YR" <w5yr@att.net>
To: casey.jay@gte.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, elecraft@mailman.qth.net
Subject: [119615] Re: [Elecraft] Keyer
Message-ID: <3C673244.E85FE1FF@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Donn,

The Logikey K3 has a speed control knob and tons of other neat features. One of the best on the market and not all the expensive. Mine is not for sale but try MorseX among others for availability.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Donn Kuse wrote:

>

> Was wondering if anyone has a keyer with speed control knobs that they
> would like to part with? I'm looking for one. Anyone with a Curtis
> keyer? Also looking for a inexpensive set of double paddles. Thanks.

Date: Sun, 10 Feb 2002 22:02:08 -0500
From: "Harold Smith" <harold.smith1@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [119616] interesting ap note
Message-ID: <003101c1b2a8\$7f459140\$860b550c@tinker>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

For those of you who like to design your own stuff, here is an interesting
note about quick design of active filters:
<http://www-s.ti.com/sc/psheets/sloa093/sloa093.pdf>

de KE6TI, Harold

Date: Sun, 10 Feb 2002 21:04:58 -0500
From: G Brandon Hoyt <preacher102677@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [119617] Field Strength and things that don't make sense....
Message-ID: <20020210.210500.-3692195.2.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ok,

At the home QTH here I have a Folded Dipole cut for resonance on 40/15m.
I feed it with tv twinlead, same stuff the antler's made of. I feed
that to a MFJ mobile tuner. Here's the really weird part. I keep a
radio shack swr/ Field strength meter in the shack, set in FS mode, so
that I can "see" if I got RF in the shack, and how much it is...
I can tune the antler on 30 m. The rig I have for this band is a 2 watt

rig. When I tune the antenna, I get a strong reading on the FS meter. When I do the same thing with my 5 watt MS-15 on 15 meters, the needle on the FS meter hardly moves a bit. Why is this, and what, short of installing a balun, can be done about it?

Oh, here's another thing that's odd... I have two cw contacts on 30m, but only one so far on 15 m, and I've used the 15 m rig more than the 30. Are the two items related???

LIC,

G. Brandon Hoyt -- "Known far and Wide as the Great Pumpkin."

Photographer, Philosopher, Preacher, Pirate, Poet.

"God didn't promise me the sun wouldn't smite me by day" James D. Vernon
DE KG4GVL Clear.

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 10 Feb 2002 21:20:29 -0600

From: Nick Kennedy <nkennedy@tcainternet.com>

To: "'ARDUJENSKI@aol.com'" <ARDUJENSKI@aol.com>,

Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [119618] RE: Tuna Tin 2 Parts

Message-ID: <01C1B278.C4AEE360.nkennedy@tcainternet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Try Jay -- W5JAY@alltel.net.

Jay's hawking a really nice little kit at a modest cost.

It helps finance Arkiecon, a function vital to the survival of the universe.

72--Nick, WA5BDU

... and you'll like the TT-2

-----Original Message-----

From: ARDUJENSKI@aol.com [SMTP:ARDUJENSKI@aol.com]

Sent: Sunday, February 10, 2002 7:57 PM

To: Low Power Amateur Radio Discussion

Subject: Tuna Tin 2 Parts

Does someone have a Tuna Tin 2 unassembled they would want to sell or know where I can get one on short notice?? I want to put one together for a display at Puyallup, WA Swap Meet March 9th at our QRP display.

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

Date: Sun, 10 Feb 2002 22:20:46 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <k3tks@u1.abs.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [119619] Re: HRO-60 Gift Received
Message-ID: <010001c1b2ab\$190479c0\$c791fea9@wishfullko46s4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a suggestion, but do go drilling holes and modifying that nice HRO if you want it to be worth anything in the future.

Regards,
Robert
VE3RPF

----- Original Message -----
From: "George Gingell" <k3tks@u1.abs.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, February 10, 2002 8:53 PM
Subject: HRO-60 Gift Received

> How's this for an unexpected gift. A local friend and Qrper called Friday
> and asked if I would like to have an HRO-60 ? FREE at that!
>
> I had an HRO-5 back when I was in High School. Also a Gift. My Aunt gave
> it away while I was in the Air Force. :^{
>
> This one is more like re-living a Dream. I have not had a chance to do
> anything with it yet. It appears to have many Documented Modifications.
> By a 6 Land E.E.
>
> The really Neat part is that it had 6.3 & 240 VDC available for

> accessories.
>
> I actually thought of Stealing one of the 6v6 Audio Amps for a QRP TX :^}
>
> Would you believe it has a pair of 6v6's for Audio Amplifiers. 8-10 Watts
> of Audio at 8 Ohms or 500 Ohms.
>
> It also has an input for using the Audio Amplifier with A record Changer.
>
> I guess that was for when the bands were Dead. :^}
>
> One other thing that i learned from the Reprinted Manual was that it had
> optional Coils Sets to go all the way down 50 Kcs, and up to 54,000 Kcs.
>
> That's 6 Meters for you whipper snappers. :^}
>
> I have not looked yet, But I suspect that the 5V4G has been replaced with
> Silicon Diodes.
>
> I also read about a 22 VDC supply and Optional Solid State Product
> Detector.
>
> I knew I held onto that Hickok Tube Tester for a Reason. :^}
>
> One thing for sure, there is plenty of room inside for a QRP Transmitter
> and Keyer.
>
> Hey, It's already a Hybrid rig now :^}
>
>
> Gee, My Birthday isn't even until next month...
>
>
>
> Sir George, The First :^}
>
> 72 ES
> QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
> Former QRP A.R.C.I. Net Manager and Board of Director Member.
> Gingell & Company, Ltd. Small Business Telephone Systems
> Commercial Locksmith Services (301) 572-6789 Office & Fax
> George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
> Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
> Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
> Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.
>
> Collector of Quartz Crystals and Telegraph Keys.
>

> "72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM
>
>
>

Date: Sun, 10 Feb 2002 21:31:49 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'wb8rcr@arrl.net'" <wb8rcr@arrl.net>,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [119620] RE: Counter input circuit
Message-ID: <01C1B27A.59861C00.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

For those interested, the article John refers to is on page 36 of your May 1997 QST--a PIC Based Frequency Counter. It's by Neil, the AADE guy.

The 74HC4046 is a PLL chip, but in this application, only a small part of it is being used. The author claims it will work from 50 mV to 5 V peak input and up to 30 MHz.

I've been wanting for a long time to make a front end for the MFJ-259B's counter--both to amplify signals and to protect the delicate input circuit from signals that are TOO big. (I think the manual only allows about 200 mV or so peak.)

The AzsQRPions group has a nice counter, and cheap, with some kinda 74HC--logic chip for a front end. It works really well and is quite sensitive, but does put a little stuff back on the input. It might need something in front of it, possibly an FET or ?.

72--Nick, WA5BDU

-----Original Message-----

From: John J. McDonough [SMTP:wb8rcr@arrl.net]
Sent: Sunday, February 10, 2002 11:35 AM
To: Low Power Amateur Radio Discussion
Subject: Counter input circuit

Well, a couple weeks ago N8ERO discovered a '97 QST article where someone (I don't have the article so I don't know who) had used the amp from a 74HC4046 for the purpose. This thing works like a charm.

Date: Sun, 10 Feb 2002 21:42:04 -0600
From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, lhlousek@nvhbell.net
Subject: [119621] Re: Rainbow Tuner question
Message-ID: <001b01c1b2ae\$12aa7860\$6501a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Hi Lou,

I don't own a Rainbow Tuner and have never seen published schematics with the turns details. However, I have built three separate end fed 1/2 wave tuners for 40m, 20m, and 10m. I have been using the 40m tuner for every fox hunt I've managed to participate in recently so I can say with some confidence that the design does work! The resource I used to get started was Steve Yates', AA5TB, pages at this URL:

<http://www.qsl.net/aa5tb/efha.html>

Other examples are here:

http://www.qsl.net/w0ch/field_antenna.htm
<http://www.easystreet.com/~w7zoi/endfeed.html>

With the link coupled style design I found I did have to experiment with the turns on the transmitter coupling to achieve the best match but you only need to do this once with a single band design. My 20m tuner uses 3 turns on a T106-2 toroid for the xmitter coupling, 12 turns for the antenna coupling, and a 20-150pf capacitor (I think!).

Another simple alternative to the link coupled matching designs is to use a regular L network to match the approx. 5000 ohm resistive impedance of the antenna. I found the formulas in the 16th edition of the ARRL Antenna Book. I also found some notes I scribbled from a while ago as I debated what style of end fed tuner to build and my calculations said for a tuner centered on 14.060 MHz that an L network for a 50 ohm input impedance and 5000 ohm output impedance would require a 5.6 uH inductor and a 22.6 pF capacitor. To be sure you can match across real world impedance conditions you will want to make one or both of the components somewhat "tunable". Note that my calculated design uses a series inductor, parallel capacitor L network. If you decide to go with the L network I would recommend double checking my math...just in case. ;-)

I'm a big fan of end fed designs because they can eliminate the need for a long transmission line, can be very stealthy with smaller wire gauges (no transmission line hanging in the air), and can be very quick and easy to install/take down.
GL es

72/73,
Lew
N5ZE

Date: Sun, 10 Feb 2002 21:48:26 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: lhlousek@nvgbell.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [119622] Re: Rainbow Tuner question
Message-ID: <3.0.2.32.20020210214826.006ab000@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Lou & All,

Here's the NJQRP website with lots of info on the Rainbow Transmatch.

http://www.njqrp.org/Rainbow/rb_home.html

They are selling the kits again too.

Chuck Carpenter, W5USJ, Point, Rains Co, TX EM22cv, NE-TX QRP #1

Date: Sun, 10 Feb 2002 22:44:32 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [119623] [Contesting] Hopeless Case
Message-ID: <3C673E1F.D0E740E8@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang--

Several nights ago I had some odd moments between shuttling kids around, and so fired up the rig on SSB on 20m. Had some pleasant qso's, and all the other ops couldn't believe I was only 10 watts. Hmm...ARCI Fireside Sprint coming up, the set-up for 20m working FB, maybe...

By way of introduction, I have only dipped into contests in the past. You know, got on, worked a few stations looking for interesting calls or far-away places. Never even submitted a log. But this was going to be different. I sensed the chance to be a major player in a QRP contest.

At the beginning of the contest, I opened up on 14.288 and had 3 quick qso's with other qrp'rs. Hey, I thought, I'll just hold this frequency for all 4 hours and rack up major points. Then a qro op started transmitting at 289--I couldn't hear myself grumble! Ok, began the search & pounce mode around the band, found a few other contesters on, then loads of nets, routine qsos, etc. Dropped all the way down to 243 before I found a space I could camp out at, and had several pleasant qso's with qro ops. It was now over an hour into the Fireside Sprint, and I knew I had to get moving if I was going to get those points.

I began to scan around and...well...lots happened on the way to a score. There was WR5D working an SGC-2020 portable in a park, running 20 watts into a dipole thrown up into a tree and having a blast at his first time operating in the great outdoors off a battery. Then there was K9Y, a special event station operating from the Chicago Harbor Lighthouse. Hey, I lived outside of Chicago for many years and saw the lighthouse when hanging around Navy Pier. Then there was Bob, AA9K, and a group of Boy Scouts in Tennessee--spoke to all of them and the Scout mom helping the group. They're studying for the Technician License--way to go Bob! Then Gill WA2LTT, living in a retirement community and doing FB with a folded dipole in the attic of his one-story condo, his way around strict antenna restrictions.

You get the point. After 4 hours of near-continuous operations I had a staggering...19 qso's. But it was fun, I was running 8 watts and working folks with ease, and there were some really fine qrp ops working the band. Heard N2T0 and K5ZTY throughout the sprint, and W9WIS towards the end, all very efficient operations with strong signals into NC. I'm sure these ops, and others, did far better than I in score.

Will I be submitting my less-than-impressive report? You bet! But I have even more respect for those who can run in these contests and remain focused on amassing a major score. Me--I'm just hopelessly distracted by the interesting folks you get to meet on the bands.

Date: Sun, 10 Feb 2002 19:56:03 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [119624] Homebrew PTO - Part II
Message-ID: <004c01c1b2b0\$25cc0380\$2d8d6bd1@microsoft>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Friends,

It is very gratifying to see the interest in my homebrew PTO design. A lot of you had some excellent suggestions on how it might be done but jfox6@houston.rr.com read my mind and put into words exactly what I had drawn on paper. In part he said,

<quote>

The knob doesn't have to move in and out. Try a Yoke method. The design is up to you, but basically, one will have a yoke of a straight piece of metal, The slug will be fixed on one side of the yoke, a pseudo slug (can be a piece of round dowel into a sleeve). Use a threaded stock in the middle of the "Yoke" the yoke is threaded and the threaded stock is fixed on one end, the other end is to the tuning knob.

<end quote>

Anyhow, if all goes well I'll have the prototype built and some digital photos on my web page by next weekend. It will show that I am using threaded rod driving a yoke with an embedded T-nut. I will use another T-nut with the threads drilled out as a panel bearing for the mounting of the threaded rod. The interesting part will be how the coil is wound so that I get less than 0.5 uH inductance change for a one inch travel on the brass insert. The threaded rod is 6-32 stock so my rough calculations suggests a VFO that tunes approximately 7.000 to 7.150 in 32 turns of the knob. Stay tuned (big pun intended).

=====
Bill Jones - KD7S <><
Sanger, California
=====

Date: Sun, 10 Feb 2002 22:04:11 -0600
From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
casey.jay@gte.net
Subject: [119625] Re: Keyer
Message-ID: <002201c1b2b1\$298dd100\$6501a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Hi Donn,
Morse Express (<http://www.morsex.com>) also carries the Jackson Harbor PK-3 kit and the PK-3 hardware accessory kit which includes a pot for speed control. I have both mounted in an Altoids tin and use it as my day-to-day keyer around the shack. I vaguely remember that one (or more?) of the K1EL kits can be configured to use an external pot speed control tho I have no direct experience with these kits/keyers. GL es

72/73,
Lew
N5ZE

Date: Sun, 10 Feb 2002 23:33:32 -0500
From: Carol L Maher <w4clm.ham@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [119626] Inquiry about Norcal-40 / / \$\$??//
Message-ID: <20020210.233333.300.5.w4clm.ham@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi guys, If you are like me - I am starting to get a pile of rigs around this place with the new K1 & K2, FT-817 and SGC-202. I really can't operate all of them at once. So, I was really curious what is the going rate for a really nice (Original) Norcal-40 built with a silk screen panel, front & back. Also included is a Oakhill research internal keyer. All built, working (2 & 1/2 watts) output. Made by me so it's got to be perfect! Hee Hee... The truth of the matter is, I am very meticulous builder.

Please don't E-mail asking for it yet, because I have not decided 100% without a doubt if I want to let it go. I was just curious what one

could expect to ask as a selling price. Your guidance is appreciated.

Thanks

Carol

W4CLM

Date: Sun, 10 Feb 2002 21:59:16 -0700
From: Tim and Nancy Logan <cyr999@extremezone.com>
To: casey.jay@gte.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, elecraft@mailman.qth.net
Subject: [119627] Re: [Elecraft] Keyer
Message-ID: <3C674FA3.9C0C1372@extremezone.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Donn - ditto Gearge's remarks regarding the Logikey - it is a fantastic little unit - comes under the heading of indispensable in my book hi hi.

73/Tim Logan KB7OEX

Donn Kuse wrote:

>
> Was wondering if anyone has a keyer with speed control knobs that they
> would like to part with? I'm looking for one. Anyone with a Curtis
> keyer? Also looking for a inexpensive set of double paddles. Thanks.
> 72,73 Donn, WB4ZWT
> 66 and Still learning
> Haines City, FL
>
> -----
> Elecraft mailing list: Elecraft@mailman.qth.net
> You must be a list member to post to the list.
> Postings must be plain text (no HTML or attachments).
> See: <http://mailman.qth.net/mailman/listinfo/elecraft>
> Elecraft Web Page: <http://www.elecraft.com>

Date: Sun, 10 Feb 2002 23:10:09 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [119628] FOX -- AG0T, Your 2/12 Cub Fox
Message-ID: <200202110510.AA00984@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain

Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Calling all hounds... Calling all hounds...

From the frozen white prairies of North Dakota, AG0T will rouse from his comfy den to sally forth as your Cub Fox Tuesday night, 2/12, starting at 8:00PM CST (0200Z 2/13 GMT, 9:00PM EST, 7:00PM MST, 6:00PM PST). I shall occupy the field around 7.055 MHz (+/- QRM), and will be working up 1-2+ KHz at the start of the evening's festivities. My exchange will resemble the following:

N1XYZ 559 ND TODD 4W N1XYZ <BK>

If I copy your info OK, I'll send "TU" or "TU DE AG0T FOX", depending on how big the pile is. If I need a fill, I'll send RPT/SPC/NAME/PWR ? <BK>, or "N1XYZ AGN ? <BK>" if I missed the whole shebang. PLEASE NOTE: The *ONLY* time I'll be sending anything with "?" is if I'm asking for a fill. PLEASE DON'T ALL JUMP IN AT ONCE IF I SEND "?". :-)

I'm going to do my level best to thin the pile early. If you don't have RIT or are not equipped to work split, try to spot yourself on the high side of my TX as far as you can, and still be able to copy me. I won't work any closer to my TX than about 1 KHz until I can thin out the pack. If you can't spot yourself that far away, please be patient, and let me clear the pile. When things die down, I *will* work closer to my TX, traffic permitting, as I want to give everyone a chance at a pelt. Sit back and listen for me to start working closer to my TX. If things slow to a crawl later in the hunt, and I'm calling CQ FOX to drum up business, I'll take you wherever you are, but if business picks up, I'll start working up 1+ KHz again.

I'll be running 4W to a Butternut HF-2V vertical from a homebrew TX. A vintage R-390A will handle the RX duties. I can (and will) work up from my TX as far as I need to, so please spread out. :-) I'll be sending around 10-15 WPM, but will be happy to slow down for anyone that needs me to. Just call at a speed you're comfortable with, and I'll do my best to match it.

So, come one, come all, and get yourself a nice fox pelt to keep yourself warm on a cold winter night! :-)

72/73,

Todd, AG0T

Date: Mon, 11 Feb 2002 06:23:49 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>

To: QRP-L <qrp-l@lehigh.edu>
Subject: [119629] Re: [OT] wireless paddles?
Message-ID: <3C675565.182ED3A3@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Ken,

> I am falling love with wireless headphones (Jensen Linx where you use your
> favorite headphones and a belt clipped RX). So how would you go about WIRELESS
> PADDLES for true roaming CW operation?

My ideas:

1. Use the complete system from a wireless computer mouse for it.
2. For the conversion from dits and dahs in audio frequency (and back) use 2 x XR 2206 (af generator) for the sender/paddles and 2 x XR 2211 (af detector) for the receiver/keyer. For the great distance use the normal wireless headphone system. You can use your headphones futhermore for the normal function.

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!
 dk3red@t-online.de <http://www.qsl.net/dk3red>
 DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Sun, 10 Feb 2002 23:34:03 -0600
From: Ed Manuel <edmanuel@directvinternet.com>
To: qrp-l@lehigh.edu
Subject: [119630] Wireless paddles - NOT OT!
Message-ID: <4.3.2.7.2.20020210232754.00c09420@mail.directvinternet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

YES - wireless paddles, or probably a better idea - wireless keyer.

Recent QEX - last year I believe - used the little 400 mhz. keyless entry transmitter and receivers as a means for remotely keying a rig. These little chips are really tiny CW transmitters and receivers, cleverly disguised as a data link. One kind is simple on-off keying. The other leaves the carrier on and keys the transmitter amplitude so the receiver doesn't drop in and out.

Mate this sytem with something like a TICK and you have a wireless keyer,

complete with memories. Add to that a set of paddles and you are done. Just move the little receiver module from rig to rig.

Of course, this little puppy might actually be bigger than some of the rigs you might key with it.

Ed

Ed Manuel, N5EM Houston, TX (Harris Co.) EL29
Houston QRP Club, Houston Amateur Television Society
<http://www.n5em.com/> n5em@amsat.org

Date: Mon, 11 Feb 2002 06:25:52 -0000
From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [119631] Re: Wireless paddles - NOT OT!
Message-ID: <00e001c1b2c5\$01885d60\$b01387d9@duroon>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Are you chaps in the colonies able to get hold of wireless doorbells? Over here they are quite cheap and could form the basis of a wireless keyer.

Just a thought... and you could also have fun driving down the street and seeing how many people have their doorbells on the same frequency as your keyer :-)

Kind regards
Tony - G4WIF/K4WIF

Date: Mon, 11 Feb 2002 00:49:09 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [119632] Re: Wireless paddles - NOT OT!
Message-ID: <00c301c1b2d8\$f906b150\$0500a8c0@AD6A>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wireless paddles, mic and headphones are all ideal applications for Bluetooth. These are going to be cheap in the next year or so. The company I work for is a major supplier of Bluetooth chipsets - I'll see what I can do to a) ease some chips out of them and b) see what we can do in the way of programming them to be useful for some of our ham applications.

Cheers es 72,
Dave Fifield, AD6A

Date: Mon, 11 Feb 2002 07:18:04 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: WM-Scace@wiu.edu, qrp-1@Lehigh.EDU
Subject: [119633] PSK31 I/O
Message-ID: <20020211.071926.-132161.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>the burning question in my mind is what do I need to get the K2 operational (or any >SSB radio) on PSK31 or MFSK16, besides software es a computer?

Wayne and Gang . . .

With one exception,
no interface is required to run PSK31 using a SSB radio.

That exception . . .
If the radio does not have "LINE" ports then an attenuator MAY be required between the PC sound card output (that is your TX Path) and the mike input (and then only if the sound card audio OUTPUT can not be adjusted low enough to satisfy the IMD two tone test that comes with most PSK31 software (TUNE vs IDLES (or data))).

Yes you will need to "key" the radio into transmit mode, use either VOX or common SPST dry contact switch (i.e. the PTT mike switch).

enjoy,
John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 11 Feb 2002 05:49:41 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Dave Fifield <dave@redhotradio.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [119634] Re: Wireless paddles - NOT OT!
Message-ID: <Pine.LNX.4.33.0202110545190.1638-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dave I'm a net control for the New Mexico Breakfast Club Net. I can now see a hi tech way to get it back to what it was 50 years ago when guys actually had rigs in the kitchen and (on AM) you could hear bacon popping.

What is a Bluetooth chipset? I will hit Goggle and see if it has an answer.

On Mon, 11 Feb 2002, Dave Fifield wrote:

> Wireless paddles, mic and headphones are all ideal
> applications for Bluetooth. These are going to be cheap
> in the next year or so. The company I work for is a major
> supplier of Bluetooth chipsets - I'll see what I can do to
> a) ease some chips out of them and b) see what we
> can do in the way of programming them to be useful
> for some of our ham applications.
>
> Cheers es 72,
> Dave Fifield, AD6A
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 11 Feb 2002 07:44:21 -0500
From: Dave Leduc <k1lepj@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [119635] FS: LDG Z-11 autotuner and BA-1 Balun
Message-ID: <3C67BCA4.9B2ED02B@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As new LDG Z-11 autotuner and BA-1 balun.
Z-11 taken out of box and used once. BA-1 never used. No scratches or
marks of any kind. Factory assembled.

\$150 plus shipping from 03858

Date: Mon, 11 Feb 2002 08:01:35 -0500
From: Tim O'Rourke <TORourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [119636] Fireside Sprint
Message-ID: <0514B74864ACD511934400508BBB5E3401E25F@EMAIL1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Great DX conditions. Worked HL, CW, LU, Z34, IT, HA, LW,PY,P49 and a few
stateside. Running 2 watts with K2 Great fun. Tim O'Rourke KG4CHX

Date: Mon, 11 Feb 2002 06:10:45 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Dave Fifield <dave@redhotradio.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [119637] Re: Wireless paddles - NOT OT!
Message-ID: <Pine.LNX.4.33.0202110604140.1638-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave, went to the Bluetooth SIG web page and found I needed to register to get specifications. So clicked to that page and found it would cost \$40,000.00 to join the SIG! I decided that was too rich for my blood.

But it sure does exist and it's a spread spectrum (Hopping) 2.4 GHz no license required commo link that appears to use a form of packet that will carry digital characters. It sounds like the right way to go. A remote mike, headphone and paddles will be easy.

On Mon, 11 Feb 2002, Dave Fifield wrote:

> Wireless paddles, mic and headphones are all ideal
> applications for Bluetooth. These are going to be cheap
> in the next year or so. The company I work for is a major
> supplier of Bluetooth chipsets - I'll see what I can do to
> a) ease some chips out of them and b) see what we
> can do in the way of programming them to be useful
> for some of our ham applications.
>
> Cheers es 72,
> Dave Fifield, AD6A
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 11 Feb 2002 08:27:11 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Cc: preacher102677@juno.com
Subject: [119638] Re: Field Strength and things that don't make sense....
Message-ID: <5.0.2.1.2.20020211075557.0224b630@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Brandon,

You're missing some important details, like how long the feedline is.

That being said, I'll venture ~~some~~ *some* ~~opinions~~:

1. In general, you **don't** want RF in the shack. RF in the shack is RF that will bite you (I've been bit by 5 Watts that got into the telegraph key and it bit pretty hard...). RF in the shack is RF that will disturb the family's TV. And most importantly, RF in the shack is RF that is not in the ~~ether~~ doing useful work like pulling out that choice DX...

2. It's EASY to get RF in the shack on one band and not on another. That's the reason I asked about the length of the feedline (or more importantly, the length of the feedline and the ground wire from your tuner to ground...or if no ground wire directly, then the length--electrically--of the RF path to ground coupled via stray capacitance--at the frequency you're having problems with). Your feedline (plus it's path to ground, whatever that path may be) is sitting in the field of the antenna, and what can happen is that you get "common mode" current in the line. Common mode means the same RF current is flowing in BOTH legs of the twinlead you're feeding the antenna with...and where it's flowing is from the field to ground because you've given it an nice low impedance path to flow through...

Again, this is RF that's not into the ~~ether~~ and not doing you any useful work.

3. Even if you're getting RF in the shack, it's most likely that you're putting some RF out. Even if your ERP is only milliwatts or microwatts that will net you QSO's at the right time and conditions (just ask Jim Hale, KJ5TF!). Not bagging any stations on 15M has more to do with when you're trying to make the contacts, who's on the air, the rig you're using (and it's receiver...you may be calling all day, have a pile up on the other end, and never be hearing anybody!...it HAS happened!), etc.

4. A current balun should stop your common mode currents:

...choke or current baluns force equal and opposite currents to flow [in the transmission line}. The result is that currents radiated back onto the transmission line by the antenna are effectively reduced, or "choked off," even if the antenna is not perfectly balanced. If winding inductive reactance becomes marginal at lower frequencies [15M is probably NOT "lower frequencies] the balun's ability to eliminate antenna currents is reduced, but (for the 1:1 balun) no winding impedance appears across the line [sidebar here...this may explain why my 4:1 balun works fine on 75M phone at QRP, but not at 100W...my toroid is probably getting saturated, allowing common mode back into my transceiver...explains why I had problems on our

ARES net last night]...

For either type of balun [voltage or current], if induced current on the line is a problem, perhaps because the feedline must be run in parallel with the antenna for some portion of it's length [do you have this situation Brandon?], additional baluns can be placed at approximately 1/4 wavelength intervals along the line. Current baluns are particularly useful for feeding asymmetrical antennas with balanced line.

page 19.16 1996 ARRL Handbook.

</flamesuit>

72 de Mike, K04WX
Michael C. Boatright

Date: Mon, 11 Feb 2002 08:43:59 -0500
From: W2AGN <w2agn@pobox.com>
To: Trevor Jacobs <fxtech@earthlink.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [119639] Re: Fw: You know your email is vulnerable to SPAM Robots?
Message-ID: <0202110843590U.02380@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

On Sunday 10 February 2002 20:51, Trevor Jacobs wrote:

> Just thought I'd forward this. I got it this weekend, and apparently
> QRP-L is the source of the SPAM your getting Karl, or any web page that
> contains your e-mail address in plain text.

>

> 72/73's

> Trev

> KG6CYN

> ----- Original Message -----

> From: Jeff Graysmith

> To: fxtech@earthlink.net

> Sent: Saturday, February 09, 2002 10:08 AM

> Subject: You know your email is vulnerable to SPAM Robots?

>

>

> Hello,

>

> Please pardon the intrusion, but I saw that the email address

> fxtech@earthlink.net is in plain text on your site at

> <http://sunsite.unc.edu/modena/QRP-Llehigh/qrp-1.lehigh.weekly.html>
> making it vulnerable to be harvested by SPAM robots. Check this out
> there's a way to hide your email from robots, but still have it visible
> to human users.
> <http://www.email-cloak.net>
>
> Sincerely,
> Jeff Graysmith

--

I also received this message. "Jeff Graysmith" is JUST ANOTHER spammer!

John L Sielke W2AGN
w2agn@pobox.com

<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Mon, 11 Feb 2002 07:53:05 -0600
From: "Thor, n9ik" <n9ik@qsl.net>
To: <casey.jay@gte.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
Subject: [119640] RE: [Elecraft] Keyer
Message-ID: <NEBBLNLOELOIHIEKHCPAKEIJCMAA.n9ik@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

A couple weeks ago I built a Jackson Harbor Press WB9KZY PK-3 keyer kit that I'd gotten from Morse Express. There are only a few parts, so build time is quick. The keyer has two 50+ character memories plus call sign memory, and gives you the option of changing speeds either using the knob or via the functions controlled by the single button/paddles on your key. The PCB for the keyer is so small, it should be pretty easy to build it into another project. The entire thing - keyer kit, hardware pack (pot w/ knob, piezo, jacks for key & output, 9v battery lead) and small plastic box to house it - was about \$30 dollars or so.

I put a few pictures of the project on my web site (not very good, & I didn't get the picture of it completed in the housing up there yet :-). Here's the link direct to my projects page:
<http://www.qsl.net/n9ik/projects.htm>. If you click on the "Completed Projects" link just under the banner at the top, it will take you directly

to the PK-3 portion of the page.

Here's a link directly to Morse Express' page w/ the keyer:
<http://www.morsex.com/jhp/index.htm#pk2>

- Thor, N9IK

> -----Original Message-----

> From: elecraft-admin@mailman.qth.net

> [mailto:elecraft-admin@mailman.qth.net]On Behalf Of Donn Kuse

> Sent: Sunday, February 10, 2002 8:35 PM

> To: Low Power Amateur Radio Discussion; elecraft@mailman.qth.net

> Subject: [Elecraft] Keyer

>

>

> Was wondering if anyone has a keyer with speed control knobs that they
> would like to part with? I'm looking for one. Anyone with a Curtis
> keyer? Also looking for a inexpensive set of double paddles. Thanks.

> 72,73 Donn, WB4ZWT

> 66 and Still learning

> Haines City, FL

>

>

> -----
> Elecraft mailing list: Elecraft@mailman.qth.net

> You must be a list member to post to the list.

> Postings must be plain text (no HTML or attachments).

> See: <http://mailman.qth.net/mailman/listinfo/elecraft>

> Elecraft Web Page: <http://www.elecraft.com>

Date: Mon, 11 Feb 2002 09:30:25 -0500

From: "Bob Berlyn" <bberlyn@baycomp.com>

To: <qrp-1@lehigh.edu>

Subject: [119641] RE: Wireless paddles - NOT OT!

Message-ID: <000f01c1b308\$a6807030\$0864a8c0@baycomp.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: 7bit

Hello Gang,

I lurk most of the time, but I find this thread interesting.

As a matter of fact I am building the wireless keyer from that QEX article for a Homebrew contest held by my radio club. I am replacing a microprocessor with a Tick. It looks like the TX portion of the program will easily fit on my Bencher Paddles and the RX portion will be small also. The circuit boards will be mostly surface mount components except for the Tick which happens to be a dip package.

I'll let you know how it works out.

Regards
Bob Berlyn N1PWU

>
>
> YES - wireless paddles, or probably a better idea - wireless keyer.
>
> Recent QEX - last year I believe - used the little 400 mhz.
> keyless entry
> transmitter and receivers as a means for remotely keying a
> rig. >

Date: Mon, 11 Feb 2002 09:40:47 -0500
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-l@lehigh.edu>
Subject: [119642] FS. Qrp+
Message-ID: <6579C6377F475547985F0B3E426E16261403C6@OCCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi

I am going to sell my QRP+ Index Labs rig.

It is in real fine condition, I would rate it an 8 out 10, there are some fine lines that can=20 be seen in the paint if it is held in contrast with some light. Comes with a power cord, and Mic.

Asking \$350.00 plus shipping. Probably about \$10.00 Priority Mail, with insurance for CONUS.=20

Marty kd8bj

mehartwell@att.com

Date: Mon, 11 Feb 2002 09:50:48 -0500 (EST)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: w2agn@pobox.com
Cc: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)
Subject: [119643] Re: Fw: You know your email is vulnerable to SPAM Robots?
Message-ID: <8048-3C67DA48-819@storefull-2154.public.lawson.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

I got the "Jeff Greysmith" email as well. Hmmm maybe HE is the source of the spam.....

<play x-files theme here>

What better way to sell a product or service than to create the market.

72 es oo

Dennis - WB0WAO

Date: Mon, 11 Feb 2002 09:51:58 -0500
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-1@lehigh.edu>
Subject: [119644] CW keys FS
Message-ID: <028201c1b30b\$a8c24280\$5891d4d1@toshiba>

CW keys For Sale:

J-38 straight key

This is the standard J-38, on a very nice bakelite base. The base even shines some. It includes the J-38, line, and tel markings on it, and has the screw eye to hold the cord. It has the navy knob on it. Very, very nice condition for \$45.

J-12 straight key.

I am guessing that it is World War II vintage; it must be somewhere in that era - maybe earlier. It matches pictures that I have found, indicating that it is a J-12. Includes cotton covered cord. The fact it is cotton covered says something about its vintage. \$ 40

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson

E-mail to W8EK@fdt.net or W8EK@yahoo.com

Voice Phone (352) 732-8400

Date: Mon, 11 Feb 2002 09:58:10 -0500
From: Jake Brodsky <frussle@erols.com>
To: qrp-l@lehigh.edu
Subject: [119645] Re: trip to Washington DC, any ham stores
Message-ID: <6tmf6u42mlje37ei8eti8ih55al4qarf4m@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Not much. Maryland Radio Center is also defunct. =20

73,

Jake Brodsky, AB3A <mailto:frussle@erols.com>
"Beware of the massive impossible!"

Date: Mon, 11 Feb 2002 10:14:38 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: ve3ab@mail.mondenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [119646] Re: Homebrew PTO using a Glue Stick!!
Message-ID: <3C67DFDE.7ACFB2E9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, since you have apparently discovered the secret to my PTO design, I may as well tell you all about it! My PTO design used a coil wound on a Plexiglas tube and tuned with a single large FT43 bead. The coil form was about 1/2 inch id, and the slug was a slip fit in it. It was built for 9 mHz and it was remarkably stable and linear from about 9 to 10 mHz! I never followed up with the design past the prototype stage.

I had devised two tuning methods, a slide rule and a turns counter dial. In the slide rule system, the slug was moved along with the dial on the same dial cord. I devised a turns counting method but never tried it!

73

Date: Mon, 11 Feb 2002 10:21:59 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: n9ik@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [119647] Re: copper foil antenna a failure
Message-ID: <3C67E197.E9DBF39@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Indoor antennas can give remarkable performance if you first consider where they are installed. Most fail because they are being used inside of shielded boxes!

Older apartments often have wooden walls with only some power wires in them. More modern apartments use metal screening to hold up the plaster and also now use metal studs. These things all act to detune the antenna!

Look and see what type of construction you have first, it will save you

a lot of grief! Something as simple as a child's magnet run along the walls will tell you something about what you have in there!

73

Date: Mon, 11 Feb 2002 10:41:18 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: preacher102677@juno.com, qrp-1@lehigh.edu
Subject: [119648] Re: Using Koch
Message-ID: <3C67E61E.FA130C03@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, common sense would say wait a couple of days. Unless you already know the code pretty well, waiting a couple of minutes will fool you! You should be able to copy the characters from day to day! Add another couple of characters every other day! Practice no more than 30 minutes each day in the beginning. Learning is stressful, learning code is also stressful!

Pick two characters at first and set the software to send then repeatedly until you can both distinguish them and copy them correctly. Then let it send random code until you can correctly identify the characters you know! Then add a couple more.

True, CW is not sent randomly in amateur practice, but you actually never know what the next character is going to be,. It is better that you use random copy to learn. Random sets of five letters is a simulation of coded messages sent by real operators! Accurate CW depends on accurate decoding of the characters AT SPEED, go back and check yourself until you are sure!

73

Date: Mon, 11 Feb 2002 16:01:41 +0000
From: Garie Halstead <k8kfj@ntelos.net>
To: Tim KG4CHX <TORourke@KaiserFT.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [119649] Re: Fireside Sprint
Message-ID: <3C67A495.D070E36@ntelos.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Monday, 11 February 2002, Tim O'Rourke wrote:

> Great DX conditions. Worked HL, CW, LU, Z34, IT, HA, LW,PY,P49 and a few
> stateside

Congratulations Tim! My best DX was N9NE. :-)

72 //Gary *K8KFJ*

Date: Mon, 11 Feb 2002 10:57:45 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: preacher102677@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [119650] Re: Field Strength and things that don't make sense....
Message-ID: <3C67E9F9.BCF7F64B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Field Strength meter is an untuned instrument. Its sensitivity will fall off greatly as the frequency rises!

Measuring field strength at the transmitter site is not the way to do it. You should have someone take the field strength a quarter of a mile away and see what your readings are. This makes a good project for a Saturday afternoon with a friend. Use two meter HTs to coordinate what you are doing! Also beware of the antenna pattern!

73

Date: Mon, 11 Feb 2002 09:21:28 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bob Berlyn <bberlyn@baycomp.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [119651] RE: Wireless paddles - NOT OT!
Message-ID: <Pine.LNX.4.33.0202110919250.2401-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bob, Are you going to put the Tick keyer on the paddle too? I have one on order but not here yet and planned to put it in my 2N2/40 radio, but it might be smart to put it on the Bencher paddle.

On Mon, 11 Feb 2002, Bob Berlyn wrote:

> Hello Gang,
>
> I lurk most of the time, but I find this thread interesting.
>
> As a matter of fact I am building the wireless keyer from that QEX article
> for a Homebrew contest held by my radio club. I am replacing a
> microprocessor with a Tick. It looks like the TX portion of the program will
> easily fit on my Bencher Paddles and the RX portion will be small also. The
> circuit boards will be mostly surface mount components except for the Tick
> which happens to be a dip package.
>
> Ill let you know how it works out.
>
> Regards
> Bob Berlyn N1PWU
>
> >
> >
> > YES - wireless paddes, or probably a better idea - wireless keyer.
> >
> > Recent QEX - last year I believe - used the little 400 mhz.
> > keyless entry
> > transmitter and receivers as a means for remotely keying a
> > rig. >
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 11 Feb 2002 11:12:02 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: kfglynn@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [119652] Re: Formula for Helical Antennas
Message-ID: <3C67ED52.7EC86828@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin,

What you seem to have is a method for spacing the wire turns evenly.
BUT before you can space the turns you need to know how much wire you have to put on the form for a specific frequency!

This is where Doug DeMaw's old formula comes into play! I have built three helically wound dipole antennas, in two cases I wound a full half wave of wire on the form and then adjusted it to get resonance where I wanted it! Spacing helped but I also had to adjust the length of the wire in the coil!

I have seen one website with some information on it that calculates the length of wire you need based on frequency, diameter, pitch, and other things.

As far as matching is concerned, a quick look at the OLD ARRL antenna handbook will show you that the feedpoint impedance of the antenna will be quite low, on the order of less than an ohm! You should match this very carefully. I have used a toroidal autotransformer and a gamma match, both with good success!

73

Date: Mon, 11 Feb 2002 11:30:21 -0500
From: "Bob Berlyn" <bberlyn@baycomp.com>
To: <qrp-l@lehigh.edu>
Subject: [119653] RE: Wireless paddles - NOT OT!
Message-ID: <001001c1b319\$66dcdf70\$0864a8c0@baycomp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Karl and all,

Oh yes I am. The transmitter unit including the Tick keyer and battery will sit directly on the paddle.

The TX unit for the wireless keyer will be a self contained unit as well as the RX unit. The PCB layout for the transmitter is done, the receiver should be done this weekend.

Bob Berlyn
N1PWU

East Greenwich, Rhode Island

> -----Original Message-----

> Karl F. Larsen

> Sent: Monday, February 11, 2002 11:21 AM

> To: Low Power Amateur Radio Discussion

> Subject: RE: Wireless paddles - NOT OT!

>

>

>

> Hi Bob, Are you going to put the Tick keyer on the paddle

> too?

>

Date: Mon, 11 Feb 2002 10:37:04 -0600

From: "George, W5YR" <w5yr@att.net>

To: w6toy@erols.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [119654] Re: Field Strength and things that don't make sense....

Message-ID: <3C67F330.8771E3BA@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Expanding just a bit on Bruce's excellent suggestion, the "problem" with using a field strength meter for *any* application lies in the difficulty of knowing for sure exactly what "field" you are measuring and where it is coming from. Such a meter in the shack could read anything under any set of circumstances since it is probably being affected by several sources of radiation in addition to what you are really interested in: that from the antenna.

When I started in ham radio in 1945 I built a nifty field strength meter using one of the very first Sylvania 1N34 germanium crystals available on the ham market. It was a neat little box and sensitive enough that I could use it as a receiver to work a ham about 3 miles away on 75 AM phone! Unlike Bruce's description, I did use a tuned circuit with a plug-in coil for various frequency ranges and that kept the relative sensitivity high enough to use it on 10 meters as well as 75.

But, frankly, other than as a modulation monitor, I could never really find any use for it in terms of tuning antennas, etc. Just too ambiguous as to the source of the field . . .

Some mobile operators use a FS meter sitting on the dash to tune their antennas. I suspect that as a relative tuning aid under those conditions, it probably is true that tuning for maximum FS on the meter is close enough.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Bruce Muscolino wrote:

>
> The Field Strength meter is an untuned instrument. Its sensitivity will
> fall off greatly as the frequency rises!
>
> Measuring field strength at the transmitter site is not the way to do
> it. You should have someone take the field strength a quarter of a mile
> away and see what your readings are. This makes a good project for a
> Saturday afternoon with a friend. Use two meter HTs to coordinate what
> you are doing! Also beware of the antenna pattern!

Date: Mon, 11 Feb 2002 09:50:51 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bob Berlyn <bberlyn@baycomp.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [119655] RE: Wireless paddles - NOT OT!
Message-ID: <Pine.LNX.4.33.0202110949550.2474-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks Bob, I think now that I will use a wire to the radio. But who knows?

On Mon, 11 Feb 2002, Bob Berlyn wrote:

> Karl and all,
>
> Oh yes I am. The transmitter unit including the Tick keyer and battery will
> sit directly on the paddle.
>

> The TX unit for the wireless keyer will be a self contained unit as well as
> the RX unit. The PCB layout for the transmitter is done, the receiver should
> be done this weekend.

>

> Bob Berlyn

> N1PWU

>

> East Greenwich, Rhode Island

>

> > -----Original Message-----

> > Karl F. Larsen

> > Sent: Monday, February 11, 2002 11:21 AM

> > To: Low Power Amateur Radio Discussion

> > Subject: RE: Wireless paddles - NOT OT!

> >

> >

> >

> > Hi Bob, Are you going to put the Tick keyer on the paddle

> > too?

> >

>

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 11 Feb 2002 11:35:20 -0500

From: Steven Weber <kd1jv@moose.ncia.net>

To: qrp-l@lehigh.edu

Subject: [119656] Re: Wireless paddles - NOT OT!

Message-ID: <3.0.6.32.20020211113520.007a6a30@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>YES - wireless paddles, or probably a better idea - wireless keyer.

Yeap, wireless keyer would be better, then you only need an on-off carrier
to key the rig.

>Recent QEX - last year I believe - used the little 400 mhz. keyless entry
>transmitter and receivers as a means for remotely keying a rig. These

Digi-Key sells some little UHF Tx and Rx data modules for a pretty reasonable price. They have 315 Mhz, 418 MHz and 433 Mhz. Tx module is about .54" x .4" x .15", operates on 2.6 to 5.2 volts, draws about 1.5 ma and good for 300+ feet range. Costs only \$6.90.

Companion Rx module is .8" x .6" x .16" and costs \$13.79.

These are made by LINX. You'll find them just after all the IC part listings. At these prices, you couldn't build something similler for less, or nearly as small.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 11 Feb 2002 11:16:49 -0600
From: "Walter AG5P" <walter@cowboy.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [119657] Re: Field Strength and things that don't make sense....
Message-ID: <00ac01c1b31f\$e4dc85a0\$ec476ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brandon, the first sentence of your original posting has me concerned. You are using a folded dipole in a multi-band situation. True, they are a fundamental and third harmonic antennas. However, using a folded dipole for multi-band is many times just putting up an air cooled load for your transmitter. Secondly, you should have a way to adjust the length of your transmission line if you insist on using your current antenna on various bands, which at best is an experiment that has been tried thousands of times. Your maximum radiation on 30 meters is right in your Shack and not at the antenna. That is why you are getting the high field strength (FS) readings.

Would you please consider just using a simple dipole or inverted vee that is fed with your 300 ohm twinlead? Now take in mind that you may want to experiment with different feeder lengths to find the 'sweet' length that is

acceptable to your particular installation.

Let us know how you are doing with your antenna project!

72/73 Walter Dufrain, AG5P

Date: Mon, 11 Feb 2002 10:48:37 -0700
From: QRP Joe <AB7TT@UltralightBackpacker.com>
To: qrp-1@Lehigh.EDU
Cc: FYB0@UltralightBackpacker.com
Subject: [119658] FYB0 Scoring - Temperature Multi
Message-ID: <93678678-1F17-11D6-AC05-0030656AD020@UltralightBackpacker.com>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v480)
Content-Transfer-Encoding: 7bit

Howdy Folks,

I'm behind on email, but a common question is coming up that bears review. For scoring FYB0, the temperature multi is **your** lowest operating temperature, at the operator's position, recorded **while** you were operating.

So not the other op's temperature, not per QS0, not the low that was recorded 6 hours after you shut down and were home by the fire. **8-*)

Hope that helps clarify things. But really, the bottom line in all of this is "Did you have **FUN**?" Everything else is just details. *;-)*

Hope everyone had a great weekend!

Cheers de AB7TT,

-Joe, AZ ScQRPions

Date: Mon, 11 Feb 2002 10:33:18 -0800
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [119659] FS: OHR-100A 30-meter QRP Rig

Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F0874144B@hq-expo2.filenet.com>

Cleanly built and works great. Will throw in a TIC keyer board (Tic 2, I think) built up -- you install in the OHR (or where ever) \$100 plus shipping from 92708.

Bill, K6WHP

Date: Mon, 11 Feb 2002 13:48:34 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [119660] TINY-TORNADO REV2d Transceiver Kits - NOW ACCEPTING ORDERS!
Message-ID: <166a01c1b32c\$b5cc90e0\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello everyone. I've recently (after I made the original announcement) had several emails from people asking if I planned on doing another batch of Tiny-Tornado micro-transceiver kits. So, for those of you that missed that posting... yes, I am currently accepting prepaid advanced orders for new REV2d Tiny-Tornado micro-transceiver kits.

Check them out at <http://www.QRPp-I.com>

The direct link to the TINY-TORNADO page:
<http://www.QRPp-I.com/tinytornado.htm>

Let me know if you have any questions or have any problems with the order form.

THANKS for all the interest!

73/72/71! de Brice KA8MAV

Date: Mon, 11 Feb 2002 13:49:05 -0500
From: Jim Stiles <jjstiles@optonline.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [119661] UAF51
Message-ID: <5.1.0.14.2.20020211134739.02587de0@mail-hub.optonline.net>
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

HI All:

Hi:

Does anyone have a copy of the old Burr-Brown publication on the Design of filters using the UAF chips?

I Just found some UAF 51's and would like to use them, I once had a copy, but that was a while ago.

Even a pinout of the chip would help, I could probably figure out a way to start..

Hoping in advance (HIA)

73 Jim Stiles W2NJJ K2 599

Date: Mon, 11 Feb 2002 12:54:54 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-1@lehigh.edu, QRPp-I@yahoogroups.com
Subject: [119662] Keyer Kit Sources
Message-ID: <3.0.2.32.20020211125454.00820620@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

Here's some that I've built and use. Check out the web sites for the details about the kits. With all the components needed to hook them up and use them, there all about the same price.

CodeBoy Pup

*Radio Adventures Company

<http://www.radioadv.com/products/Accessories/BK176a177.htm>

Non memory keyer with pot speed adjust and other nice features.

Includes all connectors and hardware -- you supply the enclosure

K10

*K1EL K-Keyers

<http://members.aol.com/k1el/index.html>

Programmable, 4 memories, pot speed adjust, many other features.

Peripheral hardware and enclosure are supplied by you.

PK-3

*Jackson Harbor Press

<http://home.att.net/~jacksonharbor/ham.htm>

*Milestone Technologies

<http://www.mtechnologies.com/jhp/>

Direct drop-in replacement for TICK chip.
Programmable, 3 memories, pot speed adjust, many other features
Peripheral hardware and enclosure supplied by you or by theirs extra.

I like the way the CodeBoy Pup **feels** the best. The PK-3 works quite nicely as a beacon keyer. The K10 has more options for various useage and external connections. My interest was only in these that had external pot speed control.

YMMV...

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, 6 Club #201, SMIRK #6275
Zombie #759, QRPp-I #115, COG #11, NETXQRP <http://www.netxqrp.org>

Date: Mon, 11 Feb 2002 11:30:46 -0800
From: Mighty Mik <mightymik2@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [119663] Bluetooth, 802.11b, and other 2.4GHz stuff...
Message-ID: <5.1.0.14.0.20020211112348.00b443e8@mail.attbi.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

before you start buying a bunch of bluetooth enabled items...i've read that it doesn't play nice with 802.11b (WiFi/Airport), and may also interfere with stuff like the cordless phone i have on 2.4 - SS. I understand that 802.11b will 'look ahead' to see if the frequency is in use, whereas Bluetooth does not, and if you happen to have both, it can degrade the thruput of the 802.11b network. Comments? clarifications?

I've also seen that an 802.11b antenna can be made from a Pringles can.

Date: Mon, 11 Feb 2002 12:42:05 -0700
From: <ac7a@gci-net.com>
To: jjstiles@optonline.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [119664] Re: UAF51
Message-ID: <web-732815@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; format="flowed"
Content-Transfer-Encoding: 8bit

Jim,

I have worked for Burr-Brown, now Texas Instruments - Tucson, for the past couple decades. Could you possibly mean the UAF41, not UAF51 (never heard of that one)? If so, the pin out is the same as the newer UAF42.

The TI website has the info for the UAF42 at:

<http://www-s.ti.com/sc/ds/uaf42.pdf>

The UAF41 is the older, somewhat hybridized, version of the monolithic UAF42. There are some minor performance differences between the products, but the data sheet should get you going.

Best Regards, Thomas - AC7A (Tucson)

On Mon, 11 Feb 2002 13:49:05 -0500

Jim Stiles <jjstiles@optonline.net> wrote:

>HI All:

>Hi:

>Does anyone have a copy of the old Burr-Brown publication

>on the Design of filters using the UAF chips?

>I Just found some UAF 51's and would like to use them, I

>once had a copy, but that was a while ago.

>Even a pinout of the chip would help, I could probably

>figure out a way to start..

>Hoping in advance (HIA)

>73 Jim Stiles W2NJN K2 599

Date: Mon, 11 Feb 2002 15:22:08 -0500

From: KKANALZ@prodigy.net

To: <bberlyn@baycomp.com>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [119665] TiCK Chip for Wireless paddles

Message-ID: <AA-1BB6835D85DF90409003EFC9074A30A4-ZZ@maillink1.prodigy.net>

If you're going to design really small boards for a wireless keyer system and plan to use a TiCK chip, be aware that there *is* indeed a TiCK chip in surface mount format! Uh-huh! They got it! They do not, however have a kit (with other parts and PC board)avail-

able yet.

Karl K - W8TIF
McKinney, Texas

Bob Berlyn wrote (extracted:

--- Original Message ---

From: "Bob Berlyn" <bberlyn@baycomp.com>

To: "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>

Subject: RE: Wireless paddles - NOT OT!

<snip>

As a matter of fact I am building the wireless keyer
from that QEX article for a Homebrew contest held by
my radio club. I am replacing a microprocessor with a
Tick. <snip> circuit boards will be mostly surface
mount components except for the Tick which happens to
be a dip package.<snip>

Date: Mon, 11 Feb 2002 20:27:15 +0000

From: "DICK SCHNEIDER" <rjsedit@hotmail.com>

To: CQCLIST@YAHOOGROUPS.COM, qrp-l@Lehigh.EDU

Subject: [119666] QST QST - LAST CALL FOR CQC BANQUET RESERVATIONS

Message-ID: <F1054YzQaJeBrMpTGnf00002834@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

QST QST QST - LAST CALL FOR CQC BANQUET RESERVATIONS

Calling hams within a 2-day's drive of Denver

We're down to the wire on taking reservations for the Colorado QRP Club
Annual Banquet, Sat., Feb. 16, which is open to CQC members, non-members,
non-hams, etc etc.

We will now take reservations by phone or email, allowing you to pay at the
door, but the reservations do need to be honored (or paid for if you make
one and can't make it).

Our featured guest speaker is none other than C02KK, Arnie Coro from the
Isle of Cuba.

Arnie hosts Radio Habana's popular DXer's Unlimited radio program broadcast
worldwide on shortwave. He also has a science show on Radio Habana.

His talk will prove to be fascinating -- on Cuba in general, and on pursuing ham radio in Cuba.

The club has worked very hard to bring Arnie into the country and we're all looking forward to meeting him.

He'll also make a special presentation on antennas on Sunday Feb. 17 at the ARA Hamfest north of Denver. We'll send you directions upon request.

So it's a big weekend of ham radio activities.

We've got hams driving into Denver from Utah, Wyoming, New Mexico and Missouri. Yes, Missouri!

The dinner is at Blossom's Restaurant in Aurora. Cash bar and reception is set for 5-7 pm; dinner at 7 pm; and Arnie's program at 8 pm.

The cost is \$21 for CQC members, \$23 for non-members, lapsed members and guests, and \$10 for children 12 and under. You can chose from three fine entrees.

Details an be found on the WEB at www.cqc.org.

Phone reservations to Rich High W0HEP at 303-366-3114 or Dick Schneider AB0CD at 303-758-9519.

Please join us. It's going to be a great evening of ham radio, socializing, dining, prizes and a little ham radio tossed in.

72 Dick AB0CD..

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Mon, 11 Feb 2002 15:30:15 -0500
From: KKANALZ@prodigy.net
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [119667] Field Strength Meter Types
Message-ID: <AA-A7A1206F2CA6BB1DAB1378F0E88C4965-ZZ@maillink1.prodigy.net>

Not ALL FSMs (Field Strength Meters) are "untuned", Bruce. In fact, most of the ones I've seen in magazine articles, Handbooks, et cetera, are tuned to at least some degree to enhance sensitivity.

Sure, an un-tuned FSM can yield "readings" from an r.f. source, depending on the degree of coupling and a lot of other factors.

I have to agree (to a certain extent) that field strength measurements should be made at a significant distance from the antenna system/array and that the *pattern* of the antenna must be carefully considered in the measurement method and results obtained. However, there's no particular need to use two-meter HTs for co-ordination of the test(s). 70 centimeters will work as well :-)

Karl K - W8TIF
McKinney, Texas

--- Original Message ---

From: Bruce Muscolino <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion"
Subject: Re: Field Strength and things that don't make sense....

The Field Strength meter is an untuned instrument. Its sensitivity will fall off greatly as the frequency rises! <snip>

Date: Mon, 11 Feb 2002 12:43:26 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [119668] Re: Bluetooth, 802.11b, and other 2.4GHz stuff...
Message-ID: <003b01c1b33c\$d7633fa0\$af25cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I realize it is old technology, but has anyone thought about INFRA RED as a way to get the keyer output to the radio's key jack and the receive audio to the

headphones?

It seems to me that generating more RF in the shack (just to key the transmitter or be able to use a ''wireless'' headset) is not necessarily without peril.

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Mon, 11 Feb 2002 15:45:24 -0500
From: Donn Kuse <casey.jay@gte.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, elecrafft@mailman.qth.net
Subject: [119669] Re: Keyer
Message-ID: <3C682D64.630683E5@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Want to thank all for responding to my request for keyers. Hopefully I'll be able to get one of those who offered to part with their spare keyer and paddles.

72, Donn, WB4ZWT
66 and still learning

Date: Mon, 11 Feb 2002 13:03:33 -0800
From: "Fletcher, Michael" <michael.fletcher@attws.com>
To: <KKANALZ@prodigy.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [119670] RE: TiCK Chip for Wireless paddles
Message-ID: <23F6FCBAA611D511A74A00508BCFBE400402408D@WA-MSG06>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

I assembled a TiCK 2B surface mount kit in 1997. Very small board and a breeze to assemble, once I stopped playing Tiddly Winks with a couple of resistors.

72,
Mike KL7IXI/7

Date: Mon, 11 Feb 2002 13:09:31 -0800
From: "Rich Wilkerson" <richqrp@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [119671] FT-817
Message-ID: <000701c1b340\$6660e6f0\$945a0844@CX55215A>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey I have been hitting too many buttons. Only one of my "mode" buttons works, did I turn something off? This is the greatest little toy I have had in a long while.

Thanks, Rich / WD6FDD

Date: Mon, 11 Feb 2002 14:18:30 -0700
From: Earl Murphy <earlmurf@telusplanet.net>
To: QRP-L <qrp-l@lehigh.edu>, QRP-CANADA <qrp-canada@neale.gpfn.sk.ca>
Subject: [119672] WANTED - TO BUY!!
Message-ID: <3C683525.AA7C1996@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

I'm looking to buy (3) items:

- (1) one (UNBUILT) Norcal NC-20
- (2) two (UNBUILT) K1MG BLUE SKY FREQUENCY COUNTERS

PLEASE REPLY DIRECT.

72....Earl (VA6RF)

Date: Mon, 11 Feb 2002 14:04:42 -0700
From: tailfeathers@juno.com
To: qrp-l@lehigh.edu
Cc: qrp-l@lehigh.edu

Subject: [119673] Re: TINY-TORNADO REV2d Transceiver Kits - NOW ACCEPTING ORDERS!
Message-ID: <20020211.142445.-362277.1.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is there a nice premade enclosure for this rig? I would like one but am to busy for the next several months to put the enclosure I would want together right now.

Gary

On Mon, 11 Feb 2002 13:48:34 -0500 "Brice D. Hornback"
<bdh@cyberbound.net> writes:
> Hello everyone. I've recently (after I made the original
> announcement) had
> several emails from people asking if I planned on doing another
> batch of
> Tiny-Tornado micro-transceiver kits. So, for those of you that
> missed that
> posting... yes, I am currently accepting prepaid advanced orders for
> new
> REV2d Tiny-Tornado micro-transceiver kits.
>
> Check them out at <http://www.QRPp-I.com>
>
> The direct link to the TINY-TORNADO page:
> <http://www.QRPp-I.com/tinytornado.htm>
>
> Let me know if you have any questions or have any problems with the
> order
> form.
>
> THANKS for all the interest!
>
> 73/72/71! de Brice KA8MAV
>
>

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Date: Mon, 11 Feb 2002 11:42:27 -0500 (EST)
From: <n2go@arrl.net>

To: <qrp-1@Lehigh.EDU>
Subject: [119674] WTB 6.5/10.5/14.5/17.5 Mhz xtal
Message-ID: <Pine.LNX.4.33.0202111132130.1413-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need the above crystals to build some mixers for my receiver.
Anyone have some that they are willing to trade or turn over for cash?

I also need a 9001.0kHz carrier crystal.

73,

Jim n2go

Date: Mon, 11 Feb 2002 16:38:44 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [119675] Re: TiCK Chip for Wireless paddles
Message-ID: <007301c1b344\$a0c07500\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <KKANALZ@prodigy.net>
Subject: TiCK Chip for Wireless paddles

> They do not, however have a kit (with other parts
> and PC board)available yet.

Hmmm ... I picked up such a kit at FDIM, put it in my SMK-1. Works fine.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Mon, 11 Feb 2002 15:41:31 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Alan Kaul <alan.kaul@worldnet.att.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [119676] Re: Bluetooth, 802.11b, and other 2.4GHz stuff...
Message-ID: <Pine.OSF.4.31.0202111452080.146592-1000000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

I have sometimes wondered if one could adapt the infra red stuff out of an old VCR remote etc.

On Mon, 11 Feb 2002, Alan Kaul wrote:

> I realize it is old technology, but has anyone thought about INFRA RED as a way
> to get the keyer output to the radio's key jack and the receive audio to the
> headphones?
>
> It seems to me that generating more RF in the shack (just to key the transmitter
> or be able to use a ''wireless'' headset) is not necessarily without peril.
>
> Alan Kaul, W6RCL, LaCanada, CA
> w6rcl@amsat.org
> <http://home.att.net/~alan.kaul/index.html>
>
>

Brian Buydens
Veterinary Electronic Data Specialist
Computing Services, University of Saskatchewan
email: Brian.Buydens@usask.ca
<http://duke.usask.ca/~buydens>
VE5RDV

Did you hear about the two antennas that got married? The wedding was a disaster but the reception was great!

Date: Fri, 08 Feb 2002 09:08:47 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [119677] Re: Helical Antennas & Slinkys

Message-ID: <Pine.OSF.4.31.0202080906550.286207-100000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

With all this talk of slinky Antennas so near to Valentine's I couldn't help but think that some ham's partner will ask them what they want for Valentine's day and they will say "Get me something slinky" and their partner will mis-understand...

Brian Buydens
Veterinary Electronic Data Specialist
Computing Services, University of Saskatchewan
email: Brian.Buydens@usask.ca
<http://duke.usask.ca/~buydens>
VE5RDV

Did you hear about the two antennas that got married? The wedding was a disaster but the reception was great!

Date: Mon, 11 Feb 2002 17:00:15 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [119678] Re: (OT) Re: N4DD Preliminary Log Delinquency
Message-ID: <1020111165937.QAA12490@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/9/02 4:13 PM, Bruce Muscolino at w6toy@erols.com wrote:

>Just something that has always bothered me, why do we have so many
>different versions of each log? Can't we get it right the first time?

Agreed, if you didn't copy it off the air the first time, what's the point of correcting it after the fact?

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Mon, 11 Feb 2002 14:07:14 -0800
From: "Fletcher, Michael" <michael.fletcher@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [119679] QRP Clubs without a web site
Message-ID: <23F6FCBAA611D511A74A00508BCFBE4004024094@WA-MSG06>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

I'd like contact information for QRP Clubs that don't maintain a website.

Club contacts will be queried about activities and projects.

72,

Mike KL7IXI/7

QRP Quarterly Clubhouse Editor

Date: Mon, 11 Feb 2002 17:00:55 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [119680] RE: Wireless paddles - NOT OT!
Message-ID: <3.0.6.32.20020211170055.007a88a0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>

>A wireless key/keyer is telecommand of the amateur station....

>

I woun't worry about it. At least not if your using one of these keyless entry or data link modules. They operate at very low power (mw's, hence short range) and operate in thier own license free band anyway.

Someone wondered about using an I/R link. Sure, that's pretty easy to do too. Only thing is, your limited to being in the same room. The original post that got this thread going said something about it would be neat to be able to operate anywhere in the house. Now if you wanted to get really cleaver, you'd figure out a way to remotely tune the rig also<g>

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 11 Feb 2002 14:44:21 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [119681] Keyer question
Message-ID: <MABBJOEABOILMKCJCLFCMEHGDBAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All this discussion of keyers got me to thinking.
In some contests I've heard stations keying along at a fairly comfortable
pace, perhaps 25 wpm or so. When they send a report from a memory button,
it is at a faster pace, then the guy goes back to keying at his 25 wpm.
Does anyone know of a keyer that lets you store and send memory contents at
a different speed than what you are keying manually?
73, Bob N6WG

Date: Mon, 11 Feb 2002 17:56:09 -0500
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [119682] Re: Wireless paddles - NOT OT!
Message-ID: <B88DA612.DC16%raysills@1stConnect.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

.... And..... the 433 MHz version would even be -legal- for Amateurs! It's
in a US ham band... what a thought! Especially in this era of grabbing ham
bands for other communications uses.

73 de Ray
K2ULR
FN20t1

> From: Steven Weber <kd1jv@moose.ncia.net>
> Reply-To: kd1jv@moose.ncia.net
> Date: Mon, 11 Feb 2002 11:35:20 -0500
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: Re: Wireless paddles - NOT OT!
>
>
>> YES - wireless paddles, or probably a better idea - wireless keyer.
>
> Yeap, wireless keyer would be better, then you only need an on-off carrier
> to key the rig.
>
>> Recent QEX - last year I believe - used the little 400 mhz. keyless entry
>> transmitter and receivers as a means for remotely keying a rig. These
>
> Digi-Key sells some little UHF Tx and Rx data modules for a pretty
> reasonable price. They have 315 Mhz, 418 MHz and 433 Mhz. Tx module is
> about .54" x .4" x .15", operates on 2.6 to 5.2 volts, draws about 1.5 ma
> and good for 300+ feet range. Costs only \$6.90.
>
> Companion Rx module is .8" x .6" x .16" and costs \$13.79.
>
> These are made by LINX. You'll find them just after all the IC part
> listings. At these prices, you couldn't build something simillar for less,
> or nearly as small.
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

Date: Mon, 11 Feb 2002 16:55:45 -0600
From: "Len Revelle" <lenrev@ameritech.net>
To: <n6wg@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [119683] RE: Keyer question
Message-ID: <001601c1b34f\$3dd8a100\$6401a8c0@n9ijeptkvz31dm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While it's possible in a self contained keyer, most likely the senders you refer to are using logging software that also keys through a serial or parallel port. TR, for instance will allow changing speed within canned messages. The "guns" use this to speed up the exchange by crankin' out the universal 599 or whatever is desired.

Date: Mon, 11 Feb 2002 15:39:27 -0800
From: Mighty Mik <mightymik2@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [119684] Re: Bluetooth, 802.11b, and other 2.4GHz stuff...
Message-ID: <5.1.0.14.0.20020211153308.00b338d8@mail.attbi.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

On the other side of the pond, there are people using IR to fly model planes indoors. These weigh LESS THAN AN OUNCE (28 grams), and run off a SINGLE 50mAH NiCd cell (some of them use 2). By using dc/dc converter, they get the voltages they need. Drawback is that they can only fly one plane at a time. These are 3 channel systems.

And yes, that old VCR stuff can be recycled.

At 03:41 PM 2/11/2002 -0600, buydens@duke.usask.ca wrote:

>I have sometimes wondered if one could adapt the infra red stuff out of
>an old VCR remote etc.

>

>On Mon, 11 Feb 2002, Alan Kaul wrote:

>

> > I realize it is old technology, but has anyone thought about INFRA RED
> as a way

> > to get the keyer output to the radio's key jack and the receive audio
> to the

> > headphones?

> >

> > It seems to me that generating more RF in the shack (just to key the
> transmitter

> > or be able to use a ''wireless'' headset) is not necessarily without peril.

> >

> > Alan Kaul, W6RCL, LaCanada, CA

> > w6rcl@amsat.org

> > <http://home.att.net/~alan.kaul/index.html>

> >

> >

>
>
>Brian Buydens
>Veterinary Electronic Data Specialist
>Computing Services, University of Saskatchewan
>email: Brian.Buydens@usask.ca
>http://duke.usask.ca/~buydens
>VE5RDV

>
>-----
>Did you hear about the two antennas that got married? The wedding was a
>disaster but the reception was great!

Date: Mon, 11 Feb 2002 18:40:37 -0500
From: "Dave" <wr3i@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
richqrp@cox.net
Subject: [119685] Re: FT-817
Message-ID: <3C681025.10317.246714@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hey Rich,

I had a problem with my FT817 in beginning and I thought
it was broken but after a reset all was ok again you might want to
try that it can be found on page 76 of you manual
Good Luck
Dave

Date: Mon, 11 Feb 2002 18:55:31 -0500
From: "Lee Mairs" <lmairs@cox.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [119686] Steve Weber's RF Power kit question
Message-ID: <00c501c1b357\$970fb440\$6501a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now that my 2N2-40 is cooking and I'm waiting for an MV109 to build the RIT
enhancement, I thought I'd start on my Steve Weber digital rf power kit. My

brain told me it was supposed to fit in an Altoids box, but looking at the board this morning disabused me of that idea.

Can a few guys or gals tell me what they used to house this little goodie?
73 de Lee,
km4yy

War hath no fury like a non-combatant.
--C. E. Montague

Date: Mon, 11 Feb 2002 17:53:05 -0600
From: "George, W5YR" <w5yr@att.net>
To: n6wg@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [119687] Re: Keyer question
Message-ID: <3C685961.CCE9F562@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sure, the CMOS III or the commercial Logikey K3 will do that, as will many computer memory keyers. Many contest exchanges are completely automated by logging programs. The K3 allows a stored message to call another stored message at a different speed. Neat little box.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

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Bob Tellefsen wrote:

>
> All this discussion of keyers got me to thinking.
> In some contests I've heard stations keying along at a fairly comfortable
> pace, perhaps 25 wpm or so. When they send a report from a memory button,
> it is at a faster pace, then the guy goes back to keying at his 25 wpm.
> Does anyone know of a keyer that lets you store and send memory contents at
> a different speed than what you are keying manually?
> 73, Bob N6WG

Date: Mon, 11 Feb 2002 19:57:42 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: "QRP-L Group" <qrp-l@Lehigh.edu>
Subject: [119688] Re: N4DD Preliminary Log Delinquency
Message-ID: <002601c1b360\$47293600\$ac984d0c@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The "complaints" regarding preliminary logs
are all based on false assumptions.

The reason for a preliminary log is not whether the
Fox copied the correct information over the air,
it's to try to ensure that no Hound loses a well
earned
pelt because the Fox incorrectly typed the correct
call sign in the log.

Most errors in typing call signs involve transposing
a letter, such as, for example, K5TZY (in error) for
the correct K5ZTY. This typo occurred recently. How
would K5ZTY feel if he lost his pelt simply because
the FOX made an error in typing his call sign in the
log?
Hounds should not be penalized by the loss of a pelt
because of a typo in the FOX's log.

As I'm the "Official Scorekeeper" I carefully review
all
preliminary logs. These transposition errors are
clearly evident.

In my opinion, the fact that a "contester" is allowed
to submit
his or her log one time is irrelevant. For all I know,
contest
logs have errors, possibly MANY errors.

Although participation in the Fox Hunts may be good
practice
for CW contesting, it's not the primary purpose or
objective.
The Fox Hunts are an activity in themselves.

The Fox Hunts are also not primarily an exercise in
tying error-
free logs. Each FOX is under some "pressure" to get
the log
posted within 24 hours after the hunt ends. There has
never been a totally error-free preliminary log,
although it is
clear (to me at least) that all FOXES make a good
faith
attempt to publish an error-free preliminary log.

The issues regarding preliminary logs have been
discussed
over and over by the QRP-L Committee. I believe
the Committee had developed well considered and
reasonable rules, including those applicable to logs.

>From time-to-time a FOX will write an e-mail to
the Committee to inquire how to apply the rules
to a unique circumstance viz-a-viz a log issue.
The Committee votes on the matter and advises the
FOX how the matter should be handled under the
Rules.

After reviewing the posting on these issues, I, for
one,
see no reason for revising any of the current rules
that
apply to logs.

Tom, N1TP
Naples, Florida

End of QRP-L Digest 2463

